

ABSTRACT

A guiding grid of variable geometry comprises a plurality of guiding vanes in a housing in angular distances around a central axis in an axially extending vane space of a predetermined axial distance. Each vane is pivotal about an associated pivoting axis to assume different angles in relation to the central axis and, thus, to form a nozzle of variable cross-section between each pair of adjacent vanes. A nozzle ring supports the vanes around the central axis and forms a first axial limitation of the vane space. A unison ring is displaceable relative to the nozzle ring and is connected to the vanes to pivot them. There are means, such as an annular disk, fixed to the housing and facing the nozzle ring in an axial distance to form a second axial limitation of the vane space and a central opening. Into this opening, a sleeve may be inserted. A fixing arrangement determines the axial position of the annular disk with respect to the housing.